



Oklahoma Crop Weather

Oklahoma Field Office

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Record Rainfall Brings Flash Flooding

The week began with flash floods in several central Oklahoma counties and a record breaking one-day precipitation total for Oklahoma City of 7.62 inches, as measured at Will Rogers World Airport. One Mesonet station in Oklahoma City measured over 10 inches of rain and flood damage occurred in multiple counties with creeks and rivers overflowing their banks. Flood damage to crops was reported to be mostly light at 19 percent, with three percent of the state experiencing moderate to heavy crop damage. The same storms that brought flash flooding to Oklahoma City also brought needed rainfall to other areas of the state. All but the Panhandle and West Central districts received more than an inch of rainfall with three districts receiving more than two inches for the week. Topsoil and subsoil moisture conditions improved some but continued to be rated mostly in the adequate to short range. Wet conditions slowed field work and harvesting, with 4.5 days suitable for field work.

Soil Moisture Conditions by Percent

Week Ending Sunday, June 20, 2010

| Moisture Rating | Topsoil | | | Subsoil | | |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | This Week | Last Week | Last Year | This Week | Last Week | Last Year |
| Very Short | 13 | 19 | 8 | 7 | 7 | 9 |
| Short | 21 | 29 | 32 | 26 | 31 | 29 |
| Adequate | 52 | 44 | 56 | 63 | 57 | 59 |
| Surplus | 14 | 8 | 4 | 4 | 5 | 3 |

Small Grains: Despite the storms and wet conditions in some areas of the state, **wheat** harvested increased 15 points to 53 percent complete, 14 points behind normal. **Rye** harvested was 59 percent complete, a 21 point increase from the previous week and five points ahead of normal. **Oats** harvested reached 72 percent complete, well ahead of normal, and nine percent of oats were plowed by week's end.

Row Crops: Row crop conditions continue to be rated mostly in the good to fair range and benefited from the additional moisture. **Corn** silking reached 15 percent complete, two points ahead of the previous year but seven points behind normal. Eighty-one percent of the **sorghum** crop had been planted, 14 points ahead of normal. Sorghum emerged reached 68 percent complete by Sunday, 20 points ahead of the five-year average. Eighty-one percent of **soybeans** were planted, a six point increase and 13 points ahead of normal. Soybeans emerged reached 76 percent complete, a 10 point increase from the previous week and 22 points ahead of the five-year average. **Cotton** emerged reached 89 percent complete, four points ahead of normal.

Miscellaneous Crops: Eighty-nine percent of **watermelons** were running by week's end, seven points ahead of normal, and 40 percent were setting fruit, five points behind normal.

Hay: Conditions of both alfalfa and other hay continued to be rated mostly in the good to fair range. The second cutting of **alfalfa** was 78 percent complete by Sunday, well ahead of last year and 12 points ahead of the five-year average. First cuttings of **other hay** increased 14 points to reach 67 percent complete, four points ahead of normal.

Pasture and Range: Pasture and range conditions were rated mostly in the good to fair range, with 11 percent rated excellent.

Livestock: Livestock conditions rated mostly in the good to fair range. Prices for feeder steers less than 800 pounds averaged \$113 per cwt. Prices for heifers less than 800 pounds averaged \$106 per cwt.

Conditions by Percent

For Week Ending Sunday, June 20, 2010

| Item | Very Poor | Poor | Fair | Good | Excellent |
|---------------------------------------|-----------|------|------|------|-----------|
| Small Grains - | | | | | |
| Wheat | 2 | 7 | 26 | 51 | 14 |
| Rye | 6 | 7 | 27 | 48 | 12 |
| Row Crops | | | | | |
| Corn | 0 | 1 | 21 | 71 | 7 |
| Sorghum | 1 | 5 | 40 | 48 | 6 |
| Soybeans | 0 | 2 | 21 | 71 | 6 |
| Peanuts | 1 | 0 | 27 | 62 | 10 |
| Cotton | 0 | 2 | 41 | 53 | 4 |
| Hay | | | | | |
| Alfalfa Hay | 1 | 4 | 34 | 54 | 7 |
| Other Hay | 1 | 9 | 32 | 53 | 5 |
| Livestock, Pasture and Range - | | | | | |
| Livestock | 0 | 4 | 24 | 61 | 11 |
| Pasture and Range | 1 | 7 | 30 | 51 | 11 |

Crop Progress by Percent

| Crop and Event | Week Ending | | | 2005-2009 Average | Crop and Event | Week Ending | | | 2005-2009 Average |
|-----------------|------------------|------------------|------------------|----------------------|----------------------|------------------|------------------|------------------|----------------------|
| | June 20, 2010 | June 13, 2010 | June 21, 2009 | | | June 20, 2010 | June 13, 2010 | June 21, 2009 | |
| Wheat - | | | | | Soybeans- | | | | |
| Harvested | 53 | 38 | 57 | 67 | Seedbed Prepared | 94 | 92 | 90 | 90 |
| Rye- | | | | | Planted | 81 | 75 | 74 | 68 |
| Harvested | 59 | 38 | 56 | 54 | Emerged | 76 | 66 | 58 | 54 |
| Oats- | | | | | Cotton- | | | | |
| Soft Dough | 94 | 85 | 96 | 95 | Emerged | 89 | 85 | 75 | 85 |
| Harvested | 72 | 69 | 44 | 54 | Alfalfa - | | | | |
| Plowed | 9 | N/A | N/A | N/A | 2nd Cutting | 78 | 70 | 47 | 66 |
| Corn- | | | | | Other Hay - | | | | |
| Silking | 15 | N/A | 13 | 22 | 1st Cutting | 67 | 53 | 56 | 63 |
| Sorghum- | | | | | Watermelons - | | | | |
| Planted | 81 | 72 | 71 | 67 | Running | 89 | 80 | 76 | 82 |
| Emerged | 68 | 61 | 39 | 48 | Setting Fruit | 40 | N/A | 26 | 45 |

Weather for Week Ending June 20, 2010: Temperatures ranged from 51 degrees at Boise City on Tuesday, June 15th, to 101 degrees at Hooker on Saturday, June 19th. Precipitation ranged from 0.28 in the Panhandle district to 3.72 inches in the Central district. Soil temperature averages ranged from 69 degrees at Beaver on Monday, June 14th, to 94 degrees at Hugo on Sunday, June 20th.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, Ending June 20, 2010

| District | Temperature | | | Precipitation | | | |
|---------------|----------------|----------------|----------------|---------------|--------------------------------|--------------------------|----------------------|
| | High | Low | Average | This Week | March 1, 2010 to June 20, 2010 | | |
| | | | | | Total | Departure From Normal | Percent of Normal |
| | <i>Degrees</i> | <i>Degrees</i> | <i>Degrees</i> | <i>Inches</i> | <i>Inches</i> | <i>Inches</i> | <i>Percent</i> |
| Panhandle | 90 | 64 | 77 | 0.28 | 8.91 | 0.10 | 101 |
| West Central | 91 | 70 | 80 | 0.66 | 7.67 | -4.81 | 61 |
| Southwest | 93 | 71 | 82 | 1.42 | 7.43 | -5.24 | 59 |
| North Central | 90 | 70 | 80 | 1.21 | 13.52 | 0.53 | 104 |
| Central | 89 | 71 | 80 | 3.72 | 14.77 | -0.67 | 96 |
| South Central | 91 | 72 | 82 | 2.30 | 12.61 | -3.39 | 79 |
| Northeast | 88 | 71 | 79 | 2.40 | 15.74 | -0.49 | 97 |
| East Central | 89 | 71 | 80 | 1.78 | 14.23 | -3.32 | 81 |
| Southeast | 93 | 71 | 82 | 1.04 | 12.25 | -6.22 | 66 |